

HPTV2401S

DOME POWER SUPPLY WITH SURGE PROTECTION

The Honeywell HPTV2401S power supply offers a stable source of 24 VAC with 8.0 A of current and provides surge protection for power and video. The HPTV2401S power supply offers superior voltage regulation that protects cameras from damage due to power surges and over-voltage conditions. The power supply provides inherent synchronization of line-locked cameras and features built-in thermal protection.

Market Opportunities

The Honeywell HPTV2401S power supply provides superior protection, performance and value for video surveillance installations. The HPTV2401S is ideal for all dome cameras installations where a stable source of 24 VAC/8.0 A power is required.

Features

- 24 VAC output, 8.0 A
- Surge protection for 24 VAC, data and video
- Built-in thermal protection
- Incoming power protection
- Camera synchronization provided
- Transient protection on inputs and outputs



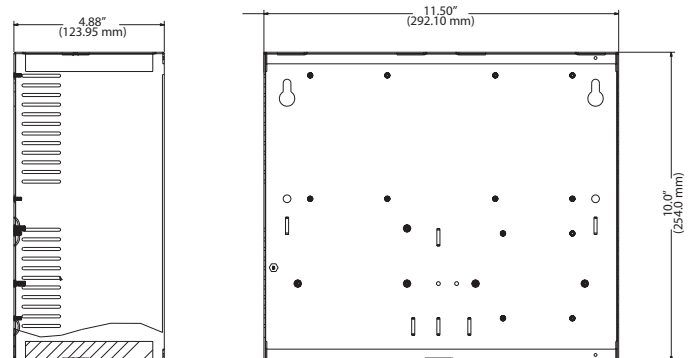
HPTV2401S

www.honeywellvideo.com

SPECIFICATIONS

Operational	
Incoming Safety Block	3 A, 250V glass fuse
Surge Protection	24 VAC power and video protection
Electrical	
Input Voltage	120 VAC (+6%, -10%) 60 Hz
Output Voltage	24 VAC (+/-3%) no load
Output Current	8.0 A max
Grounding	Grounding on internal metal mounting plate and printed circuit board
Video Protection	
Service Voltage	2.0 Vp-p
Clamping Voltage	2.8 VDC
Insertion Loss	<1.0 dB @ 0-2.0 GHz
Peak Current	20 K A
Connections	BNC female- in and out
Impedance	75 Ohms
Voltage Protection	
Service Voltage	24 VAC/24 VDC
Clamping Voltage	33 VAC/47 VDC
Peak Current	3000 A/Pair
Connections	Screw terminals, 22-16 AWG
Mechanical	
Dimensions (W x H x D)	10" x 11.5" x 4.875" (254 mm x 292.1 mm x 238 mm)
Weight	Unit: Aprox 11 lbs (4.99 kg) Shipping: Aprox 12 lbs (5.44 kg)
Construction	Housing: 16 gauge (1.6 mm) steel vented housing Finish: Durable textured powdered coat finish, black
Cable Entry	Five knockouts for wiring entry (top,bottom,sides)
Cable Entry/Access	Hinged and vented door

Environmental			
Temperature	Operating: 32°F to + 120°F (0°C to 49°C) Storage: -40°F to +185°F (-40°C to +85°C)		
Relative Humidity	Up to 85% non condensing		
Regulatory			
Immunity	EN50130-4		
Recommended Wiring			
Input Wire	12-16 gauge solid wire		
Output Wire	12-22 gauge solid or stranded wire		
Wiring Distance	See Recommended Wiring Distance chart		
Recommended Wiring Distance Chart in feet (meters)			
Total VA Consumed	20 AWG (0.5 mm ²)	18 AWG (1.0 mm ²)	16 AWG (1.5 mm ²)
10	283 (86)	451 (137)	716 (218)
20	141 (42)	225 (88)	358 (109)
30	94 (28)	150 (45)	238 (72)
50	56 (17)	90 (27)	143 (43)



Ordering	
HPTV2401S	24 VAC, 8 Amps, with Surge Protection for Power and Video

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

Honeywell Security

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February 2008
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